

=> s 22446-37-3/prep
61 22446-37-3
3118860 PREP/RL
L19 21 22446-37-3/PREP
(22446-37-3 (L) PREP/RL)

```
=> s 22446-37-3/proc  
          61 22446-37-3  
          3457128 PROC/RL  
L20          1 22446-37-3/PROC  
          (22446-37-3 (L) PROC/RL)
```

=> S 120 or 119
L21 22 L20 OR L19

=> s thiocarbonyl halide and 121
3761 THIOCARBONYL
143723 HALIDE
21 THIOCARBONYL HALIDE
(THIOCARBONYL (W) HALIDE)
I.22 0 THIOCARBONYL HALIDE AND I.21

B22 INOCARBONATE HALIDE AND B21

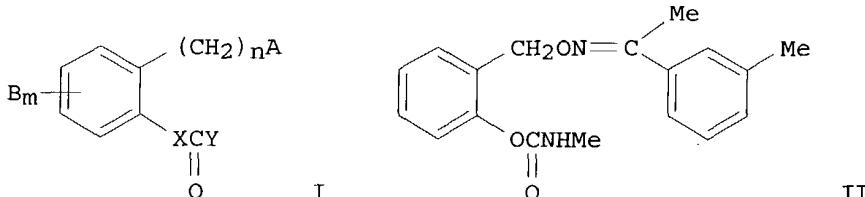
L23 5 ?THIO? AND L21

=> d 1-5 ibib abs hitstr

L23 ANSWER 1 OF 5 CAPLUS COPYRIGHT 2004 ACS on STN
ACCESSION NUMBER: 1995:797286 CAPLUS
DOCUMENT NUMBER: 123:198440
TITLE: Substituted benzene derivatives, processes for their production and biocidal compositions containing them
INVENTOR(S): Nishide, Hisaya; Mitani, Shigeru; Inoue, Minako; Nakano, Kanako
PATENT ASSIGNEE(S): Ishihara Sangyo Kaisha, Ltd., Japan
SOURCE: PCT Int. Appl., 71 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9511226	A1	19950427	WO 1994-JP1711	19941013
W: AU, BR, CA, CN, HU, JP, KR, NZ, PL, RO, RU, SI, SK, UA, US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT,				
JP 07179402	A2	19950718	JP 1994-266163	19941004
AU 9478630	A1	19950508	AU 1994-78630	19941013
PRIORITY APPLN. INFO.:			JP 1993-285602	19931020
			WO 1994-JP1711	19941013

OTHER SOURCE(S) : MARPAT 123:198440
GI



AB Substituted benzenes I [wherein A = (un)substituted aryloxy or

arylthio, -ON:C(R1)R2; R1, R2 = (un)substituted alkyl or aryl; n = 1 or 2; B = halo, alkyl, aryl, alkoxy, cycloalkyl, cycloalkoxy, haloalkyl, haloalkoxy, cyano or NO₂; m = 0-4; X = O or S; and Y = alkoxy, **alkylthio**, (di)(alkyl)amino] are claimed, and approx. 25 examples are given. The compds. are useful as pesticides, and particularly as agricultural and horticultural fungicides; they are also said to show insecticidal, acaricidal, and nematocidal activities. For example, 2-HOC₆H₄CH₂OH underwent bis-O-acetylation (quant.), and the product reacted with 3-methylacetophenone oxime using NaH in THF to give, after saponification with LiOH in MeOH, 45% O-(2-hydroxybenzyl)-3-methylacetophenone oxime. Reaction of the latter with MeNCO in CH₂Cl₂ containing Et₃N gave 83% title compound II. In a preventive test against *Pseudoperonospora cubensis* on cucumber, II gave complete protection at 500 ppm. Addnl. results for testing of selected I against *Sphaerotheca fuliginea*, *Pyricularia oryzae*, *Phytophthora infestans*, and *Botrytis cinerea* are also described. II and other I in combination with fluazinam or chlorophthalonil gave excellent control of gray mold at 25-200 ppm each.

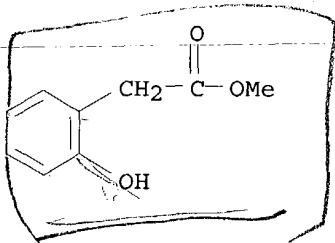
IT 22446-37-3P, Methyl 2-hydroxyphenylacetate

RL: RCT (Reactant); SPN (Synthetic preparation); PREP
(Preparation); RACT (Reactant or reagent)

(intermediate; preparation of **thiophenol** carbonates and carbamates as agrochem. fungicides)

RN 22446-37-3 CAPLUS

CN Benzeneacetic acid, 2-hydroxy-, methyl ester (9CI) (CA INDEX NAME)



(FILE 'HOME' ENTERED AT 15:53:37 ON 09 MAR 2004)

FILE 'CAPLUS' ENTERED AT 15:53:48 ON 09 MAR 2004

L1 STRUCTURE UPLOADED
 S L1

FILE 'REGISTRY' ENTERED AT 15:54:20 ON 09 MAR 2004

L2 1 S L1

FILE 'CAPLUS' ENTERED AT 15:54:21 ON 09 MAR 2004

L3 61 S L2
 S L1

FILE 'REGISTRY' ENTERED AT 15:54:34 ON 09 MAR 2004

L4 2 S L1 FULL

FILE 'CAPLUS' ENTERED AT 15:54:35 ON 09 MAR 2004

L5 62 S L4 FULL

FILE 'REGISTRY' ENTERED AT 15:55:18 ON 09 MAR 2004

L6 0 S DIMETHYLTIOCARBAMYL CHLORIDE/CN
 E DIMETHYLTIOCARBAMYL CHLORIDE/CN

FILE 'CAPLUS' ENTERED AT 16:00:22 ON 09 MAR 2004

L7 STRUCTURE UPLOADED
 S L7

FILE 'REGISTRY' ENTERED AT 16:00:44 ON 09 MAR 2004

L8 0 S L7

FILE 'CAPLUS' ENTERED AT 16:00:45 ON 09 MAR 2004

L9 0 S L8
 S L7

FILE 'REGISTRY' ENTERED AT 16:00:50 ON 09 MAR 2004

L10 3 S L7 FULL

FILE 'CAPLUS' ENTERED AT 16:00:50 ON 09 MAR 2004

L11 650 S L10 FULL

FILE 'REGISTRY' ENTERED AT 16:01:21 ON 09 MAR 2004

L12 STRUCTURE UPLOADED

L13 0 S L12

L14 3 S L12 FULL

L15 0 S L5 AND 16420-13-6

FILE 'CAPLUS' ENTERED AT 16:03:59 ON 09 MAR 2004

FILE 'REGISTRY' ENTERED AT 16:04:00 ON 09 MAR 2004

L16 0 S 22446-37-3/PROC

L17 0 S 22446-37-3/PRO

L18 0 S 22446-37-3/PREP

FILE 'CAPLUS' ENTERED AT 16:09:59 ON 09 MAR 2004

L19 21 S 22446-37-3/PREP

L20 1 S 22446-37-3/PROC

L21 22 S L20 OR L19

L22 0 S THiocarbonyl HALIDE AND L21

L23 5 S ?THIO? AND L21

FILE 'STNGUIDE' ENTERED AT 16:12:18 ON 09 MAR 2004

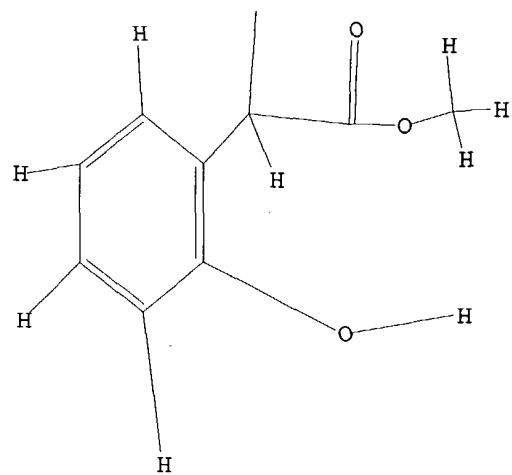
=>

L1 > STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

L14 ANSWER 3 OF 3 REGISTRY COPYRIGHT 2004 ACS on STN

RN 16420-13-6 REGISTRY

CN Carbamothioic chloride, dimethyl- (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN Carbamoyl chloride, dimethylthio- (7CI, 8CI)

CN Carbamyl chloride, dimethylthio- (6CI)

OTHER NAMES:

CN 1-Chloro-N,N-dimethylthioformamide

CN Dimethylcarbamothioyl chloride

CN Dimethylthiocarbamoyl chloride

CN N,N'-Dimethylchlorothioformamide

CN N,N-Dimethylchlorothiocarbamate

CN N,N-Dimethylthiocarbamic acid chloride

CN N,N-Dimethylthiocarbamoyl chloride

CN N,N-Dimethylthiocarbamyl chloride

FS 3D CONCORD

DR 42326-60-3

MF C3 H6 Cl N S

LC STN Files: BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CASREACT,
CHEMCATS, CHEMINFORMRX, CHEMLIST, CSCHEM, GMELIN*, HODOC*, IFICDB,
IFIPAT, IFIUDB, SPECINFO, SYNTHLINE, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)

Other Sources: EINECS**, NDSL**, TSCA**

(**Enter CHEMLIST File for up-to-date regulatory information)

S

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Cl—C—NMe₂